

Savings: Over 12 years, the cost to install and repair a 20 foot stretch of recycled rubber modular sidewalk five feet wide is less expensive than a concrete sidewalk. Compare the costs in Table 1.

Table 1: Cost to Replace or Repair 100 Square Feet of Sidewalk		
	Recycled tire modular sidewalk (labor and materials)	Concrete sidewalk (labor and materials)
Year 0	\$1400 (installation)	\$900 (installation)
Year 4	\$150 (repair)	
Year 6		\$900 (replacement)
Year 8	\$150 (repair)	
Year 12	\$150 (repair)	\$900 (replacement)
Total	\$1,850	\$2,700

Tree roots create fewer tripping hazards with modular recycled rubber sidewalks compared to concrete sidewalks. This results in real cost savings to the City due to reduced trip and fall settlement claims.

Benefits:

- Diversion of tires from landfills
- Fewer trips and falls
- Rainwater percolates through sidewalk seams to recharge groundwater

Manufacturing process: Recycled crumb rubber is mixed with a binder and a colored dye and then poured into a mold. The mold is then pressed at a high temperature for a short time. The mold is then cooled forming rubber sidewalk pavers.

ASTM Standard: The recycled rubber pavers used for these projects met several of the required ASTM standards including ASTM F1637 - 10 "Standard Practice for Safe Walking Surfaces."

Americans with Disabilities Act: The ADA has created design guidelines to ensure that transportation facilities are constructed to a set of standards that ensures accessibility for the disabled. Sidewalks are one of the most common pieces of transportation infrastructure, yet if not accessible, they can pose great challenges and danger to anyone in a wheelchair or with crutches. The ADA provides standards to help anyone constructing sidewalks do so in a safe, accessible manner.

A wide variety of high-quality, proven products are made from California's recycled tires. For more information, and a list of vendors, visit CalRecycle online at:
<http://www.calrecycle.ca.gov/tires/products/>

Always remember to ask for products made from 100% California recycled tires!

Disclaimer: References to individual businesses and products does not constitute an endorsement by CalRecycle. CalRecycle makes no warranty, express or implied, and assumes no liability for the information provided here.